



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

David J. Anderson, Guillermo Garcia-Cardena, Michael A. Gimbrone, and

Hai U. Wang

Application No.:

09/988,496

Group:

1614

Filed:

November 20, 2001

Examiner:

Unknown

For:

ARTERY SMOOTH MUSCLE- AND VEIN SMOOTH MUSCLE-SPECIFIC  
PROTEINS AND USES THEREFOR

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
on <u>8-2-02</u>	<u>Linda M. Amato</u>
Date	Signature
Linda M. Amato	
Typed or printed name of person signing certificate	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

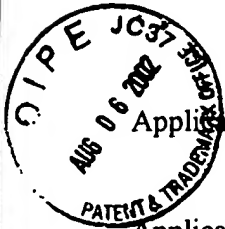
☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)



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Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copy of cited references AO and AP are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed reference AO was cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
  - ☐ the enclosed English language abstract.

[X] Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. 09/085,820, by Hai U. Wang, Zhoufeng Chen and David J. Anderson, filed May 28, 1998, Docket No.: 1802.1003-002.

\_\_\_\_ U.S. Patent Application No. 09/687,652, by Hai U. Wang, Zhoufeng Chen and David J. Anderson, filed October 13, 2000, Docket No.: 1802.1003-009.

\_\_\_\_ U.S. Patent Application No. 09/823,009, by Hai U. Wang, Zhoufeng Chen and David J. Anderson, filed March 30, 2001, Docket No.: 1802.1003-011.

\_\_\_\_  
Examiner

\_\_\_\_  
Date

[X] A copy of each above-cited application, including the current claims, is enclosed.

[ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

[ ] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

[ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.

[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
Anne I. Craig

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Concord, MA 01742-9133

Dated: 8/2/02

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ATTORNEY DOCKET NO.  
1802.1004-001APPLICATION NO.  
09/988,496INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION FOR A PATENT OR TRADEMARKAPPLICANT  
David J. Anderson, et al.March 4, 2002  
(Use several sheets if necessary)FILING DATE  
November 20, 2001GROUP  
1614

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	SUB- CLASS	FILING DATE IF APPROPRIATE
AA					
AB					

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	CLASS	SUB- CLASS	TRANSLATION YES NO
AL	WO 96/26958	27 FEB 96	PCT		
AM	WO 99/52541	21 OCT 99	PCT		
AN	0 633 315 A2	11 JAN 95	EPO		
AO					
AP					
AQ					

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

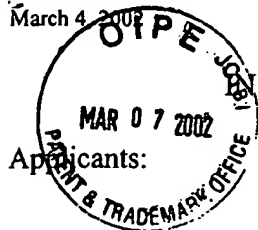
AR	Bennett, B. D., et al., "Molecular Cloning of a Ligand for the EPH-Related Receptor Protein-Tyrosine Kinase Htk," <i>Proc. Natl. Acad. Sci. USA</i> , 92:1866-1870 (1995).
AS	Bergemann, A. D., et al., "ELF-2, a New Member of the Eph Ligand Family, Is Segmentally Expressed in Mouse Embryos in the Region of the Hindbrain and Newly Forming Somites," <i>Mol. Cell Biol.</i> , 15(9):4921-4929 (1995).
AT	Stein, E., et al., "Eph Receptors Discriminate Specific Ligand Oligomers to Determine Alternative Signaling Complexes, Attachment, and Assembly Responses," <i>Genes Dev.</i> 12:667-678 (1998).
AU	Andres, A-C., et al., "Expression of Two Novel Eph-Related Receptor Protein Tyrosine Kinases in Mammary Gland Development and Carcinogenesis," <i>Oncogene</i> , 9:1461-1467 (1994).
AV	Folkman, J., et al., "Blood Vessel Formation: What Is Its Molecular Basis?" <i>Cell</i> , 87:1153-1155 (1996).
AW	Risau, W., Mechanisms of Angiogenesis," <i>Nature</i> , 386:671-674 (1997).
AX	Pasquale, E. B., "The Eph Family of Receptors," <i>Curr. Opin. Cell. Biol.</i> 9:608-615 (1997).
AY	Wang, H. U., et al., "Eph Family Transmembrane Ligands Can Mediate Repulsive Guidance of Trunk Neural Crest Migration and Motor Axon Outgrowth," <i>Neuron</i> , 18:383-396 (1997).
AZ	Asahara, T., et al., "Isolation of Putative Progenitor Endothelial Cells for Angiogenesis," <i>Science</i> , 275:964-967 (1997).

EXAMINER

DATE CONSIDERED

Joe Winters

3/22/05



THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Hai U. Wang

Application No.: 09/988,496 Group: 1614

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on <u>1 March 2002</u>	<u>Linda M Crawford</u>
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Linda M Crawford	
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  - ☒ Copies of the cited references AL-AN, AR-AZ, AR2-AZ2, AR3-AZ3, AR4-AZ4 and AR5-AZ5 are enclosed.
  - ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
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Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
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Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Dated: 3/4/02